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# TECHNICAL NOTES

LAKE STATES FOREST EXPERIMENT STATION  
UNIVERSITY FARM ST. PAUL I, MINNESOTA

## Lake States Pulpwood Production Declines in 1947

A recent survey made by the Station shows that Lake States pulpwood production amounted to approximately 2,024,000 cords during 1947, compared with 2,250,000 cords in 1946 -- a decrease of approximately 10 percent. The decrease in production was about 20 percent in Michigan and about 13 percent in Minnesota. In Wisconsin, on the other hand, pulpwood production increased about 15 percent over the previous year.

Spruce, balsam, pine, tamarack, and miscellaneous hardwoods accounted for about the same amount of pulpwood as in 1946. Hemlock and aspen production, on the other hand, dropped 37 percent and 21 percent, respectively, below that of 1946. In spite of the decline, aspen continued to be the principal pulpwood species of the region.

Pulpwood produced in the Lake States and shipped out of the region in 1947 amounted to approximately 47,000 cords. Imports from Canada and the western states were slightly less than last year, totaling about 686,000 cords, or about 26 percent of the total received.

Although there was a 10-percent drop in pulpwood receipts, consumption of pulpwood at Lake States mills was 7 percent higher in 1947 than in 1946, according to preliminary figures released by the Bureau of the Census.

## Production and Imports of Pulpwood--Lake States--1947

Species and destination	Production by states				Imports			Total receipts
	Minne- sota	Wis- consin	Michi- gan	Region	Other U.S. <sup>1</sup>	Canada	Total imports	
Standard cords (rough wood basis)								
<u>Aspen</u>								
To Minnesota	155,933	.....	.....	155,933	.....	2,115	2,115	158,048
Wisconsin	31,498	187,219	113,892	332,609	.....	13,240	13,240	345,849
Michigan	.....	9	39,084	39,093	.....	11,330	11,330	50,423
Exported <sup>2</sup>	33,870	.....	.....	33,870	.....	.....	.....	.....
Total	221,301	187,228	152,976	561,505	.....	26,685	26,685	554,320
<u>Balsam fir</u>								
To Minnesota	47,697	.....	.....	47,697	.....	376	376	48,073
Wisconsin	69,904	53,321	103,872	227,097	358	2,229	2,587	229,684
Michigan	.....	45	35,509	35,554	.....	24,537	24,537	60,091
Exported	1,264	.....	.....	1,264	.....	.....	.....	.....
Total	118,865	53,366	139,381	311,612	358	27,142	27,500	337,848
<u>Birch</u>								
To Minnesota	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	39	8,059	5,373	13,471	.....	.....	.....	13,471
Michigan	.....	.....	715	715	.....	.....	.....	715
Total	39	8,059	6,088	14,186	.....	.....	.....	14,186
<u>Hemlock</u>								
To Minnesota	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	.....	50,162	84,054	134,216	.....	.....	.....	134,216
Michigan	.....	.....	64,454	64,454	.....	.....	.....	64,454
Total	.....	50,162	148,508	198,670	.....	.....	.....	198,670

(Over)

Species and destination	Production by states				Imports			Total receipts
	Minne- sota	Wis- consin	Michi- gan	Region	Other U.S. <sup>1/</sup>	Canada	Total imports	
Standard cords (rough wood basis)								
Pine								
To Minnesota	119,482	.....	.....	119,482	.....	40,671	40,671	160,153
Wisconsin	125,631	115,528	25,373	266,532	20,137	5,466	25,603	292,135
Michigan	20,616	41,909	61,084	123,609	.....	17,002	17,002	140,611
Exported	13	.....	.....	13	.....	.....	.....	.....
Total	265,742	157,437	86,457	509,636	20,137	63,139	83,276	592,899
Spruce								
To Minnesota	111,469	.....	.....	111,469	.....	10,741	10,741	122,210
Wisconsin	102,150	30,674	105,454	238,278	3,954	444,867	448,821	687,099
Michigan	.....	40	28,154	28,194	.....	89,391	89,391	117,585
Exported	11,391	.....	.....	11,391	.....	.....	.....	.....
Total	225,010	30,714	133,608	389,332	3,954	544,999	548,953	926,894
Tamarack								
To Minnesota	6,065	.....	.....	6,065	.....	.....	.....	6,065
Wisconsin	12,154	5,448	1,372	18,974	.....	.....	.....	18,974
Michigan	.....	.....	555	555	.....	.....	.....	555
Total	18,219	5,448	1,927	25,594	.....	.....	.....	25,594
Misc. Hardwoods								
To Minnesota	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	.....	51	8	59	.....	.....	.....	59
Michigan	.....	.....	9,681	9,681	.....	.....	.....	9,681
Total	.....	51	9,689	9,740	.....	.....	.....	9,740
Waste (Slabs, veneer cores, etc.)								
To Minnesota	2,554	.....	.....	2,554	.....	.....	.....	2,554
Wisconsin	.....	757	.....	757	.....	.....	.....	757
Michigan	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,554	757	.....	3,311	.....	.....	.....	3,311
All species								
To Minnesota	443,200	.....	.....	443,200	.....	53,903	53,903	497,103
Wisconsin	341,376	451,219	439,398	1,231,993	24,449	465,802	490,251	1,722,244
Michigan	20,616	42,003	239,236	301,855	.....	142,260	142,260	444,115
Exported	46,538	.....	.....	46,538	.....	.....	.....	.....
Total	851,730	493,222	678,634	2,023,586	24,449	661,965	686,414	2,663,462

1/ Montana, South Dakota, Idaho, Colorado.

2/ Pulpwood produced in the states and shipped to other parts of the United States.

